

Amendments to the Claims

The following listing of claims replaces all previous amendments and listings of the claims.

1. (Previously Presented) A gas turbine combustor, comprising:
a casing configured to surround a combustor and to be disposed apart from the combustor to define an intake chamber between the combustor and the casing; and
a sheet-like vibration damper having at least one thin plate, which resonates with a vibration of air in the intake chamber to absorb energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a vacant space therebetween.
2. (Previously Presented) The gas turbine combustor according to claim 1, wherein the sheet-like vibration damper comprises a single flat plate.
3. (Previously Presented) A gas turbine combustor covered by a casing via an intake chamber, comprising:
a sheet-like vibration damper, which resonates with a vibration of air in the intake chamber to absorb energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a space therebetween,
wherein the sheet-like vibration damper comprises a multi-layered thin flat plate, the layers staggered to create the damper of variable thickness.
4. (Previously Presented) The gas turbine combustor according to claim 2 or 3, wherein the damper comprises a plurality of plates of at least two different sizes.
5. (Previously Presented) A gas turbine combustor covered by a casing via an intake chamber, comprising:
a sheet-like vibration damper, which resonates with the vibration of air in the intake chamber to absorb the energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a space therebetween,

wherein the attaching member is a stud which is composed of a bolt welded to the inner wall of the casing and two nuts which hold the thin plate therebetween, said nuts being engaged with the bolt and being thereafter welded thereto.

6. (Previously Presented) The gas turbine combustor according to claim 1, wherein the sheet-like vibration damper comprises a three-dimensional profile member shaped to define an inner space in which the attaching member is contained.

7. (Previously Presented) The gas turbine combustor according to claim 6, wherein the three-dimensional profile member comprises a single three-dimensional profile member having therein a single independent inner space, and a plurality of single three-dimensional profile members are attached to the inner wall of the casing.

8. (Previously Presented) The gas turbine combustor according to claim 7, wherein the single three-dimensional profile member comprises a box-like three-dimensional profile member having therein a closed space.

9. (Previously Presented) The gas turbine combustor according to claim 6, wherein the three-dimensional profile member comprises a continuous three-dimensional profile member having therein a plurality of independent spaces.

10. (Original) The gas turbine combustor according to claim 6, wherein the inner spaces of the three-dimensional profile member secured to the inner wall of the casing have different volumes.

11. (Previously Presented) The gas turbine combustor according to claim 1, wherein the sheet-like vibration damper defines a hole to connect spaces on opposite sides thereof.

12. (Currently Amended) A gas turbine combustor, comprising:
a casing surrounding an intake chamber, the casing configured to surround a combustor and to be disposed apart from the combustor and the casing intake chamber; and

a damper connected to an inner wall of the casing and configured to resonate with a vibration of air in the intake chamber, the damper ~~comprising a first section and a second section~~ having a ~~thickness greater than the first section~~ plurality of thicknesses in a direction perpendicular to a direction of air flow through the intake chamber.

13. (Previously Presented) The gas turbine combustor according to claim 12, wherein the damper comprises a plurality of plates.

14. (Previously Presented) The gas turbine combustor according to claim 12, wherein the damper comprises a plurality of plates at least partially overlapped with one another.

15. (New) The gas turbine combustor according to claim 1, wherein the damper comprises a plurality of thicknesses including at least three thicknesses in a direction perpendicular to a direction of air flow through the intake chamber.

16. (New) The gas turbine combustor according to claim 15, wherein the damper comprises a plurality of stepped portions providing the plurality of thicknesses.

17. (New) The gas turbine combustor according to claim 16, wherein a plurality of fasteners are disposed through the plurality of thicknesses.

18. (New) The gas turbine combustor according to claim 12, wherein the plurality of thicknesses comprises at least three thicknesses in the direction perpendicular to the direction of air flow through the intake chamber.

19. (New) The gas turbine combustor according to claim 18, wherein the damper comprises a plurality of stepped portions providing the plurality of thicknesses.

20. (New) The gas turbine combustor according to claim 19, wherein a plurality of fasteners are disposed through the plurality of thicknesses.